

1st INTERNAL ASSESMENT, 2025

Course Name: - BPO

Semester: - 2nd year

Paper Name: - Pharmacology

Paper Code: - BPO 208

Time - 1 Hr. (per hour extra time 20 min for V.I. & examinees with writer).

Max Marks-20

Instructions:

The question paper consists of three sections namely 1,2,3 All sections are compulsory.

Section 1- Each question carries 1 mark. All questions are compulsory.

Section 2- Answer any 2 out of 3 given questions in maximum one hundred twenty (120) words. Each question carries 4 marks.

Section 3- Answer any 1 out of 2 given questions in maximum two hundred fifty (250) words. Each question carries 8 marks.

1. Answer all the following questions.

1x4 =4

I. Who is father of Indian pharmacology.

i. Prof. ML Sharaff

ii. Prof. RN Chopra

iii. Jannathan Parera

iv. Allexender nevberg

II. First-line drug for acute asthma:

i) Alpha agonist ii) Beta agonist iii) Alpha antagonist iv) Beta antagonist

III. Insulin first time obtained by

i. Banting

ii. Best

iii. Both

iv. None of these

IV. Beta cell of Pancreas secrete:

i. Glucagon

iii. Insulin

ii. Poly Peptide

iv. Somatostatin

2. Answer any two questions:

2x4=8

I. Define pharmacology and explain pharmacokinetics.

II. Write mechanism of transport of drug across biological membrane.

III. Define and classify anti-asthmatic drug asthma and explain bronchodilators.

3. Answer any one question:

1x8=8

I. What is diabetes. classify oral hypoglycaemic agent and explain mechanism of action of sulfonyl urea

II. Explain different routes of drug administration. write advantages and disadvantage of oral routes.